Journal of the New England Water Works Association

Contents

Volume 110, No. 1 March 1996

Page

Portrait of President Stephen J. Densberger ..... *Frontispiece*

MEETING THE PROPOSED REGULATIONS USING OZONE AND BIOLOGICALLY ACTIVE CARBON
By Stephen L. Bishop & Marie-Marguerite Bourbigot 1

OZONE PRODUCTION CONTROL VIA CONTINUOUS OZONE RESIDUAL MONITORING AT UNITED WATER NEW JERSEY
By Leo C. Fung, Theresa Pagan & Barry J. Schwartz 13

CHALLENGES AND RESOLUTIONS -- BUILDING A COALITION OF PARTNERS THROUGH INTERMUNICIPAL RELATIONSHIPS
By Wayne P. Southworth 25

CORROSION CONTROL EXPERIENCE IN 29 NEW ENGLAND COMMUNITIES UTILIZING GROUND WATER
By William J. Nunnery 28

A COMPUTER PROGRAM FOR THE DESIGN OF LIMESTONE CONTACTORS
By Raymond D. Letterman & Sameera Kothari 42

THE LEAD AND COPPER RULE -- CHOICES AND CHALLENGES
By Martin D. Waits 48

PROCEEDINGS
Annual Conference - September 17-20, 1995 53
Association Meeting - November 16, 1995 54
Association Meeting - December 21, 1995 55
Association Meeting - January 18, 1996 58
REPORT OF THE MANAGEMENT COUNCIL 59
REPORT OF THE MEETING MANAGEMENT COUNCIL 81
REPORT OF THE STANDARDS COUNCIL 87
NEWWA'S LONG RANGE PLAN - 1996-2001 88
BOOK REVIEW 100
GUIDELINES FOR THE PREPARATION OF PAPERS FOR PUBLICATION 102

MEETING SCHEDULE 4a
ON THE COVER 5a
INDEX TO ADVERTISERS 27a
DIRECTORY OF SERVICES 29a
TRAINING CALENDAR ..... Inside back cover

Journal of the New England Water Works Association

Contents

Volume 110, No. 1 March 1996

Page

Portrait of President Stephen J. Densberger ..... *Frontispiece*

MEETING THE PROPOSED REGULATIONS USING OZONE AND BIOLOGICALLY ACTIVE CARBON
By Stephen L. Bishop & Marie-Marguerite Bourbigot 1

OZONE PRODUCTION CONTROL VIA CONTINUOUS OZONE RESIDUAL MONITORING AT UNITED WATER NEW JERSEY
By Leo C. Fung, Theresa Pagan & Barry J. Schwartz 13

CHALLENGES AND RESOLUTIONS -- BUILDING A COALITION OF PARTNERS THROUGH INTERMUNICIPAL RELATIONSHIPS
By Wayne P. Southworth 25

CORROSION CONTROL EXPERIENCE IN 29 NEW ENGLAND COMMUNITIES UTILIZING GROUND WATER
By William J. Nunnery 28

A COMPUTER PROGRAM FOR THE DESIGN OF LIMESTONE CONTACTORS
By Raymond D. Letterman & Sameera Kothari 42

THE LEAD AND COPPER RULE -- CHOICES AND CHALLENGES
By Martin D. Waits 48

PROCEEDINGS
Annual Conference - September 17-20, 1995 53
Association Meeting - November 16, 1995 54
Association Meeting - December 21, 1995 55
Association Meeting - January 18, 1996 58
REPORT OF THE MANAGEMENT COUNCIL 59
REPORT OF THE MEETING MANAGEMENT COUNCIL 81
REPORT OF THE STANDARDS COUNCIL 87
NEWWA'S LONG RANGE PLAN - 1996-2001 88
BOOK REVIEW 100
GUIDELINES FOR THE PREPARATION OF PAPERS FOR PUBLICATION 102

MEETING SCHEDULE 4a
ON THE COVER 5a
INDEX TO ADVERTISERS 27a
DIRECTORY OF SERVICES 29a
TRAINING CALENDAR ..... Inside back cover

Journal of the New England Water Works Association

Contents

Volume 110, No. 2 June 1996

Page

MWRA'S VISIONS FOR THE FUTURE
By Douglas B. MacDonald 103

METROPOLITAN BOSTON WATER SYSTEM - TECHNICAL HISTORY
By John F. Shawcross 106

MDC SANITARY SURVEYS - 100 YEARS OF PROTECTION
By Joseph M. McGinn 123

GETTING READY TO OPERATE THE NEW MWRA WATER SYSTEM
By D. Kelly O'Day 128

SITING THE WACHUSETT RESERVOIR WATER TREATMENT PLANT
By Stephen Estes-Smargiassi 133

MWRA'S PROPOSED WALNUT HILL WATER TREATMENT PLANT
By Carol R. Ashe 136

THE METROWEST WATER SUPPLY TUNNEL PROJECT
By Lawrence A. Williamson 155

MEMOIR, Donald C. Calderwood 165

PROCEEDINGS
NEWWA's Policy Concerning Recreational Use of Public Water Supplies 166
Joint Meeting with the Maine Water Utilities Association - February 5 & 6, 19956 169
Joint Meeting with Connecticut Associations, Enfield, CT - March 21, 1996 169
Membership Committee Report 171

LETTER TO THE EDITOR 174

MEETING SCHEDULE 4a
ON THE COVER 5a
INDEX TO ADVERTISERS 27a
DIRECTORY OF SERVICES 29a
TRAINING CALENDAR ..... Inside back cover

Journal of the New England Water Works Association

Contents

Volume 110, No. 3 September 1996

Page

PLANNING AND CONSTRUCTING URBAN STORMWATER DISCHARGE RETROFITS: THE LAKE WHITNEY URBAN RUNOFF PROJECT 175
By John P. Hudak

FILTERED OR WAIVERED, YOU NEED SOURCE PROTECTION 182
By Jacqueline Morris

COTUIT FIRE DISTRICT HYDRATED LIME BATCHING PROJECT 192
By Paul E. Cote & John N. Andersen

CONTROLLING LEAD CORROSION IN THE DRINKING WATER OF A BUILDING BY ORTHOPHOSPHATE AND SILICATE TREATMENT 202
By Darren A. Lytle, Michael R. Schock & Thomas J. Sorg

PHOSPHATE CORROSION INHIBITOR CHEMISTRY MADE SIMPLE 218
By Robert Spon

RECYCLING LEAD PAINT WHILE PROTECTING WORKERS AND THE ENVIRONMENT AT THE FERNDALE TANK 221
By John V. Cignatta & Timothy Duffy

FIELD ADAPTABLE RESTRAINED JOINT FITTINGS 231
By Frank C. Pausic

RATE-MAKING: A COOPERATIVE PROCESS 238
By Edward J. Donahue III

PROCEEDINGS
Joint Conference & Exhibition - April 22-24, 1996 245
Connecticut Section AWWA, Green Mountain Water Environment Association, MWWA, NHWWA, NEWWA & RIWWA
American Water Works Association Annual Conference, June 23-27, 1996 248

MEETING SCHEDULE 4a
ON THE COVER 5a
INDEX TO ADVERTISERS 27a
DIRECTORY OF SERVICES 29a
TRAINING CALENDAR ..... Inside back cover

Journal of the New England Water Works Association

Contents

Volume 110, No. 4 December 1996

Page

SPEECH BY SENATOR JOHN H. CHAFEE 251

CRYPTOSPORIDIUM - THE FILTRATION CHALLENGE 254
By James W. Fay

THE ROLE OF A WATERSHED COMMISSION IN THE PROTECTION OF LAKE AUBURN 262
By Normand R. Lamie and Christopher Crovo

OPTIMIZING COAGULATION WITH THE STREAMING CURRENT MONITOR 268
By Robert L. Bryant

SIGNIFICANCE OF SAMPLE DETENTION TIME IN CORROSION CONTROL STUDIES 276
By S. Raju Vegesna and Steve A. McAnally

INSTALLATION OF A 12" DIAMETER HIGH DENSITY POLYETHYLENE WATER MAIN SUSPENDED FROM THE SACO RIVER BRIDGE IN CONWAY, NEW HAMPSHIRE 282
By Bruce W. Lewis

INNOVATIVE SOLUTIONS TO MUNICIPAL WATER UTILITY PROBLEMS 290
By Robert E. Thiele

BOOK REVIEW 294

PROCEEDINGS
ANNUAL CONFERENCE SEPTEMBER 22-25, 1996 295
including Reports of the Executive Director, Treasurer, *Journal* Editor, Administration Council, Management Council, Operations Council and Invocation
NEWWA ORGANIZATION CHART 1995-1996 345
GUIDELINES FOR THE PREPARATION OF PAPERS FOR PUBLICATION 346
ANNUAL INDEX

MEETING SCHEDULE 4a
ON THE COVER 5a
INDEX TO ADVERTISERS 27a
DIRECTORY OF SERVICES 29a
TRAINING CALENDAR ..... Inside back cover